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UTILITY PATENT APPLICATION TRANSMITTAL

(only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	1875.138000F					
First Inventor	Ralph Duncan					
Title	An Integrated VCO Having an Improved Tuning Range over Process and Temperature Variations (as amended)					
Express Mail Label No						

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APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.				ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450									
2. 3.	(Submit See 37) Applie See 37 Specification of Person of a construction of the Person of	can original, a can original, a can original, a cant claims of CFR 1.27 fication and arrangements of the cant Regardin cince to sequeromputer programmary of the Description of the Description of the Description of the Discontinuous of the D	[Total Pages 211] ent set forth below) the Invention Related Applications ag Fed sponsored R & D nce listing, a table, ram listing appendix Invention the Invention f the Drawings (if filed) in			7. CD-ROM or CD-R in duplicate, large table or Computer Is (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee) 11. English Translation Document (if applicable) 12. Information Disclosure Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant							092203
				17. ✓ Other: Authorization under 37 C.F.R. § 1.136(a)(3) ✓ Other: The name of the assignee is: Broadcom Corporation						n			
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-Part (CIP) of prior application No: 10/171,762 Prior application information: Examiner Mis, David C. Art Unit: 2817 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.													
				19. CORRESPO	NDE	NCE	ADDRESS	<u> </u>					
Customer Number 26111 NAME STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. Attorneys at Law													
ADDRESS 1100 New York Avenue, N.W.													
CITY Washington STATE			 		.C.		IP CODE)5-3934				
CC	OUNTRY		U.S.A.	TELEPHONE	(20	2) 371	-2600	F.	AX	(202) 371-2540		
N/	AME (Print/Ty)	pe) Je	ffrey T. Helvey			Re	gistration No	. (Attorney/	(Agent)	44,757			
	GNATURE		Joll Helver							Date	9/22	Tos	

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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	for F	Y 2003	

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•Effective 01/01/2003. Patent fees are subject to annual revision.

Explicant claims small entity status. See 37 CFR 1.27

Complete if Kn wn					
Application Number	(to be assigned)				
Filing Date	Herewith				
First Named Inventor	Ralph Duncan				
Examiner Name	(to be assigned)				
Art Unit	(to be assigned)				
Attorney Docket No.	1875.138000F				

TOTAL AMOUNT OF PAYMENT (\$) 750.00	Attorney Docket No. 1875.138000F							
METHOD OF PAYMENT (check all that apply)				F	EE CALCULATION (continued)		
☐ Check ☐ Credit card ☐ Money Order ☐ Other** ☐ None	3. ADDITIONAL FEES							
** Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.	Large	Entity	Sm	all Ent	ity			
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Deposit Account Name: Steme, Kessler, Goldstein & Fox P.L.L.C.	1051	130	2051	65	Surcharge - late filing for	ee or oath		
The Commissioner is authorized to: (check all that apply)	1502	50	2052	25	Surcharge-late provision	onal filing fee	or cover	
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☐ Charge any additional fee(s) during the pendency of this	1812	2,520	1812	2,520	For filing a request for	ex parte reex	amination	
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☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication	of SIR after	Examiner	<u> </u>
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1001 750 2001 375 Utility filing fee \$750.00	1403	280	2403	140	Request for oral hearing	ıd		
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Total Claims 10 - 20** = 0 X \$18.00 = \$0.00	1460	130	1460	130	Petitions to the Commi	ssioner		
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wantiple Dependent	1806	180	1806	180	Submission of Informat	tion Disclosu	e Stmt	
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Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20	1809	750	2809	375	property (times number			
1201 84 2201 42 Independent claims in excess of 3	1				1.129(a))			
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	For each additional inv (37 CFR 1.129(b))	ention to be	examined	Í
1204 84 2204 42 **Reissue independent claims over original patent	1801	750	2801	375	Request for Continued	Examination	(RCE)	
1205 18 2205 9 **Reissue claims in excess of 20	1802	900	1802	900	Request for expedited	examination	of a design	
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**or number previously paid, if greater; For Reissue, see above	* Red	uced by	Basic	Filing F	ee Paid	SUBTOTAL	(3) (\$)	0.00
SUBMITTED BY						Complete (if	applicable)	
Name (Print/Type) Jeffrey T. Helvey Attorney for Applicants		tration N ney/Age			44,757	Telephone	202-371	-2600
Signature Self Heli	Date					9/2	2/03	

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to blain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this formand/or suggestions for reducing this burden, should be sent to the Chrief Information Officer, U.S. Patent and Tradermark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

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September 22, 2003

WRITER'S DIRECT NUMBER: (202) 772-8675 **INTERNET ADDRESS:** JHELVEY@SKGF.COM

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450 Mail Stop Patent Application

Re:

U.S. Continuation Utility Patent Application under 37 C.F.R. § 1.53(b)

(claiming priority to U.S. Patent Appl. No. 10/171,762; filed: June 17, 2002)

Appl. No. (to be assigned); Filed: Herewith

An Integrated VCO Having an Improved Tuning Range over Process

and Temperature Variations (as amended)

Inventors:

Ralph Duncan et al.

Our Ref:

1875.138000F

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

- 1. PTO Fee Transmittal (Form PTO/SB/17);
- 2. PTO Utility Patent Application Transmittal (Form PTO/SB/05);
- 3. U.S. Continuation Utility Patent Application entitled:

An Integrated VCO Having an Improved Tuning Range over Process and Temperature Variations (as amended)

and naming as inventors:

Ralph Duncan Tom W. Kwan

Sterne, Kessler, Goldstein & Fox PLLC.: 1100 New York Avenue, NW: Washington, DC 20005: 202.371.2600 f 202.371.2540: www.skgf.com

Commissioner for Patents September 22, 2003 Page 2

the application consisting of:

- a. An Application Data Sheet (37 C.F.R. § 1.76);
- b. A copy of the executed Supplemental Declaration, as originally filed in U.S. Appl. No. 09/580,014;
- c. A specification containing:
 - i. 204 pages of description prior to the claims;
 - ii. 6 pages of claims (21 claims);
 - iii. a one (1) page abstract; and
- d. 94 sheets of drawings: (Figures 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24A, 24B, 24C, 25, 26, 27, 28A, 28B, 28C, 28D, 28E, 28F, 28G, 28H, 28I, 28J, 28K, 29, 30, 31A, 31B, 31C, 31D, 31E, 31F, 31G, 31H, 31I, 31J, 31K, 31L, 31M, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44A, 44B, 45A, 45B, 45C, 45D, 45E, 45F, 45G, 45H, 45I, 45J, 45K, 46A, 46B, 47A, 47B, 47C, 47D, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69A, 69B, 69C, 69D, 69E, 70, 71, 72, 73, 74, 75, 76, 77, 78A, 78B, 78C and 79, 80);
- 4. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3);
- 5. A Preliminary Amendment;
- 6. An Information Disclosure Statement (IDS);
- 7. Form PTO-1449 (<u>3</u> pages);
- 8. Two (2) return postcards; and
- 9. PTO-2038 Credit Card Payment Form for \$\frac{750.00}{} to cover:

\$_750.00 Filing fee for patent application.

Commissioner for Patents September 22, 2003 Page 3

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Jeffrey T. Helvey

Attorney for Applicants Registration No. 44,757

Tell Helvey

JTH/agj ::ODMA\MHODMA\SKGF_DC1;179978;1 SKGF Rev. 2/12/02 dew; 9/5/02 mac; 4/29/03 svb

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Ralph Duncan et al.

Appl. No. (to be assigned)

Filed: Herewith

For:

An Integrated VCO Having an Improved Tuning Range over Process and Temperature Variations (as amended)

Confirmation No. (to be assigned)

Art Unit: (to be assigned)

Examiner: (to be assigned)

Atty. Docket: 1875.138000F

Authorization To Treat A Reply As Incorporating An Extension Of Time Under 37 C.F.R. § 1.136(a)(3)

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Jeffrey T. Helvey

Attorney for Applicants Registration No. 44,757

1100 New York Avenue, N.W. Washington, D.C. 20005-3934

(202) 371-2600

JTH/agj

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SKGF 1/25/02 mac; 4/18/03 svb